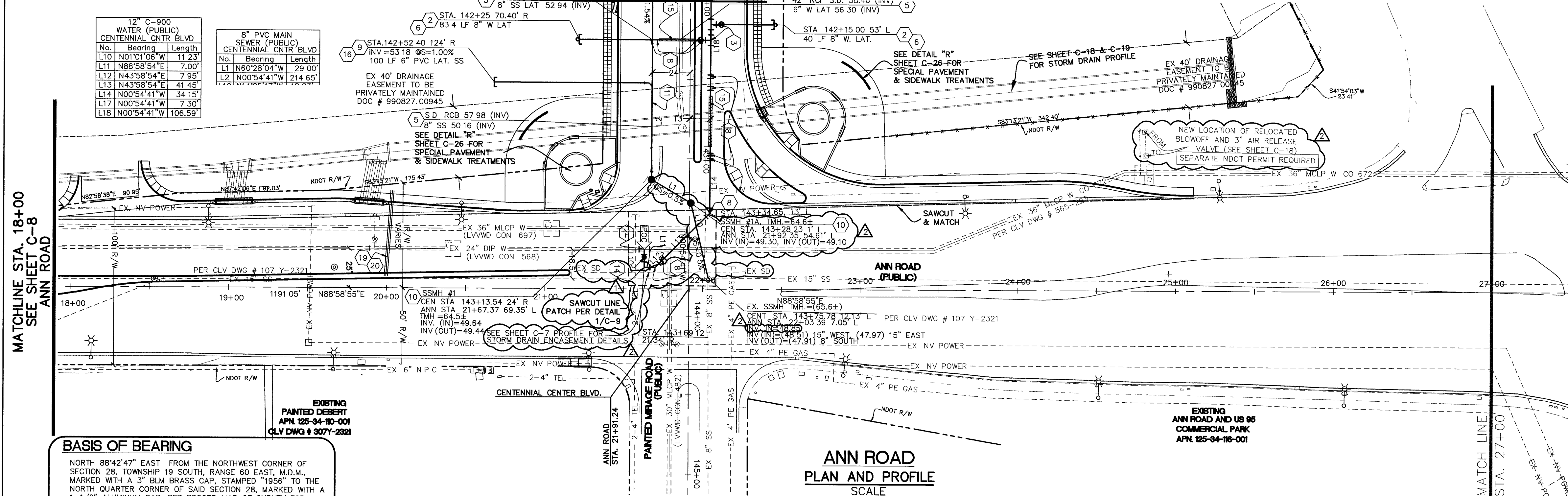


EXISTING CENTENNIAL CENTER BLVD (STA. 138+00 TO 144+00)
FOR CONTINUATION
SEE SHEET C-7



No.	Bearing	Length
L10	N01°01'06\"W	11.23'
L11	N88°58'54\"E	7.00'
L12	N43°58'54\"E	7.95'
L13	N43°58'54\"E	41.45'
L14	N00°54'41\"W	34.15'
L17	N00°54'41\"W	7.30'
L18	N00°54'41\"W	106.59'

No.	Bearing	Length
N1	N60°28'04\"W	29.00'
L2	N00°54'41\"W	214.65'

EX 40' DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED DOC # 990827.00945

SEE DETAIL \"R\" SHEET C-26 FOR SPECIAL PAVEMENT & SIDEWALK TREATMENTS

SEE DETAIL \"R\" SHEET C-26 FOR SPECIAL PAVEMENT & SIDEWALK TREATMENTS

SEE SHEET C-18 & C-19 FOR STORM DRAIN PROFILE

EX 40' DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED DOC # 990827.00945

NEW LOCATION OF RELOCATED BLOWOFF AND 3\"AIR RELEASE VALVE (SEE SHEET C-18) SEPARATE NDOT PERMIT REQUIRED

EXISTING PAINTED CURB APN 125-34-10-001 CLV DWG # 307Y-2321

BASIS OF BEARING

NORTH 88°42'47\"EAST FROM THE NORTHWEST CORNER OF SECTION 28, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., MARKED WITH A 3\"BLM BRASS CAP, STAMPED \"1956\" TO THE NORTH QUARTER CORNER OF SAID SECTION 28, MARKED WITH A 1-1/2\"ALUMINUM CAP, PER RECORD MAP OF SURVEY FOR NORTHWEST/WESTERN SEGMENT OF THE LAS VEGAS BELTWAY, RECORDED IN FILE 89, PAGE 3, OF SURVEYS, CLARK COUNTY, NEVADA.

PROJECT BENCHMARK:

STATION 1LV90 33NES
RIVET & PLATE IN TOP OF CURB, ANN ROAD & BUFFALO DRIVE, SOUTH CURB LINE
ELEV. = 722.9855 (METERS) NAVD88 DATUM
3 28083333 U.S. SURVEY FEET = 1 METER
ELEVATION = 2371.99 FEET
NOTE:
ADD 0.27 FEET TO CURRENT C.L.V. BENCHMARK
PUBLISHED VALUES TO MATCH PROJECT ELEVATIONS
CURRENT NAVD 88 VALUES:
722.9855 METERS
2371.99 FEET

REDUCED PRESSURE PRINCIPLE ASSEMBLY (4\"-1\")

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWD
ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S), TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.
EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION

ANN ROAD PLAN AND PROFILE

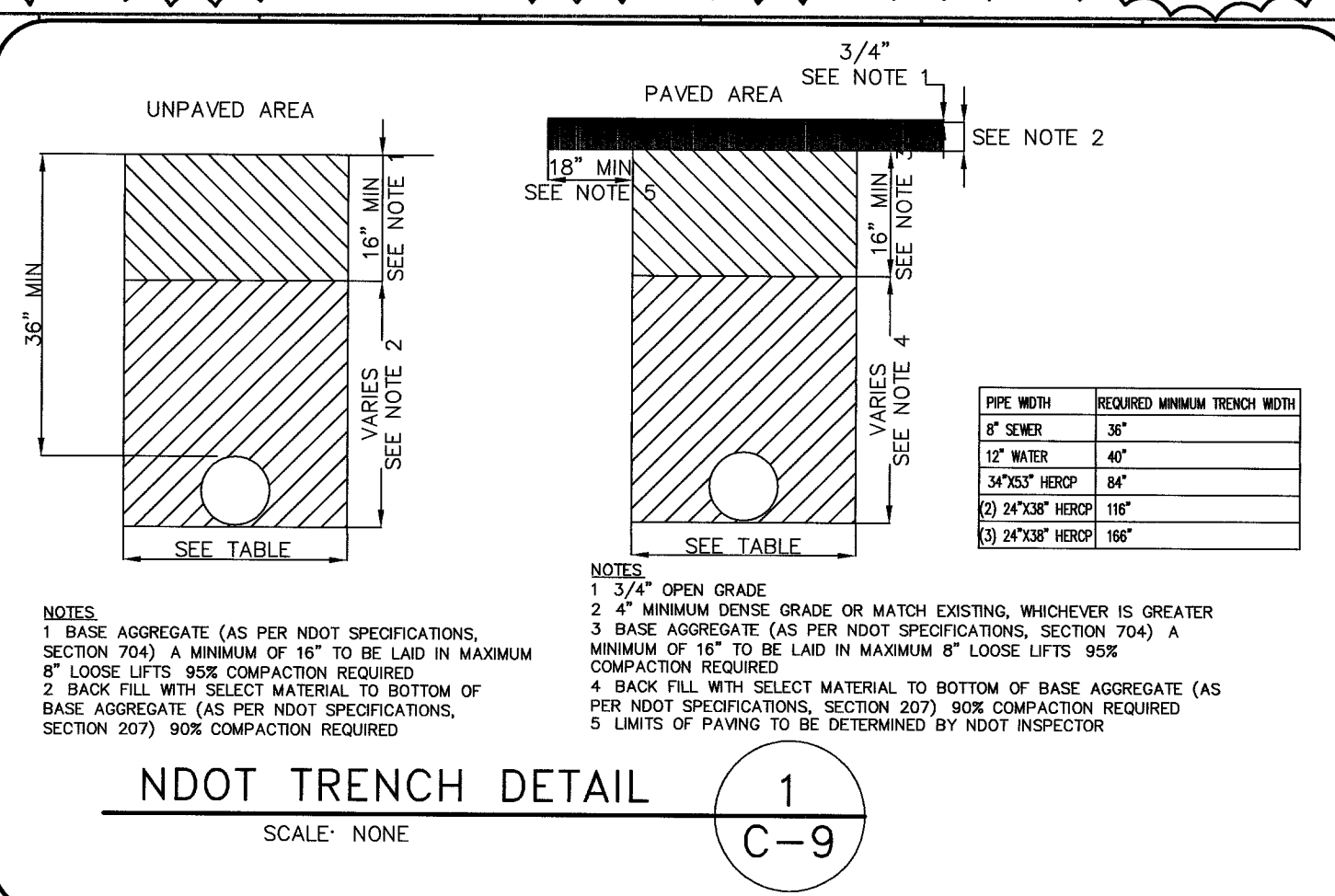
SCALE
HORIZ. 1\"= 40'
VERT. 1\"= 4'

CONDITIONAL APPROVAL OF VALVED OUTLET (6\" AND LARGER)

THE WATER PLANS SHOW ONE OR MORE VALVED OUTLETS EXTENDING OUT OF PAVED AREAS. INSTALLATION OF THESE OUTLETS IS ACCEPTABLE; HOWEVER, IF THE OUTLETS ARE INCORRECTLY LOCATED OR NOT USED FOR ANY REASON WHEN THE PROPERTY IS ACTUALLY DEVELOPED, THE DEVELOPER SHALL ABANDON THE OUTLETS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH THE DISTRICT'S STANDARDS, AND AT THE DEVELOPER'S EXPENSE. APPROVAL OF THE VALVED OUTLET DOES NOT PROVIDE OR IMPLY A WATER COMMITMENT

WATER MAIN JOINT DEFLECTION (PVC, 4\"-24\")

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.06 01 AND 2.06 02.
FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED

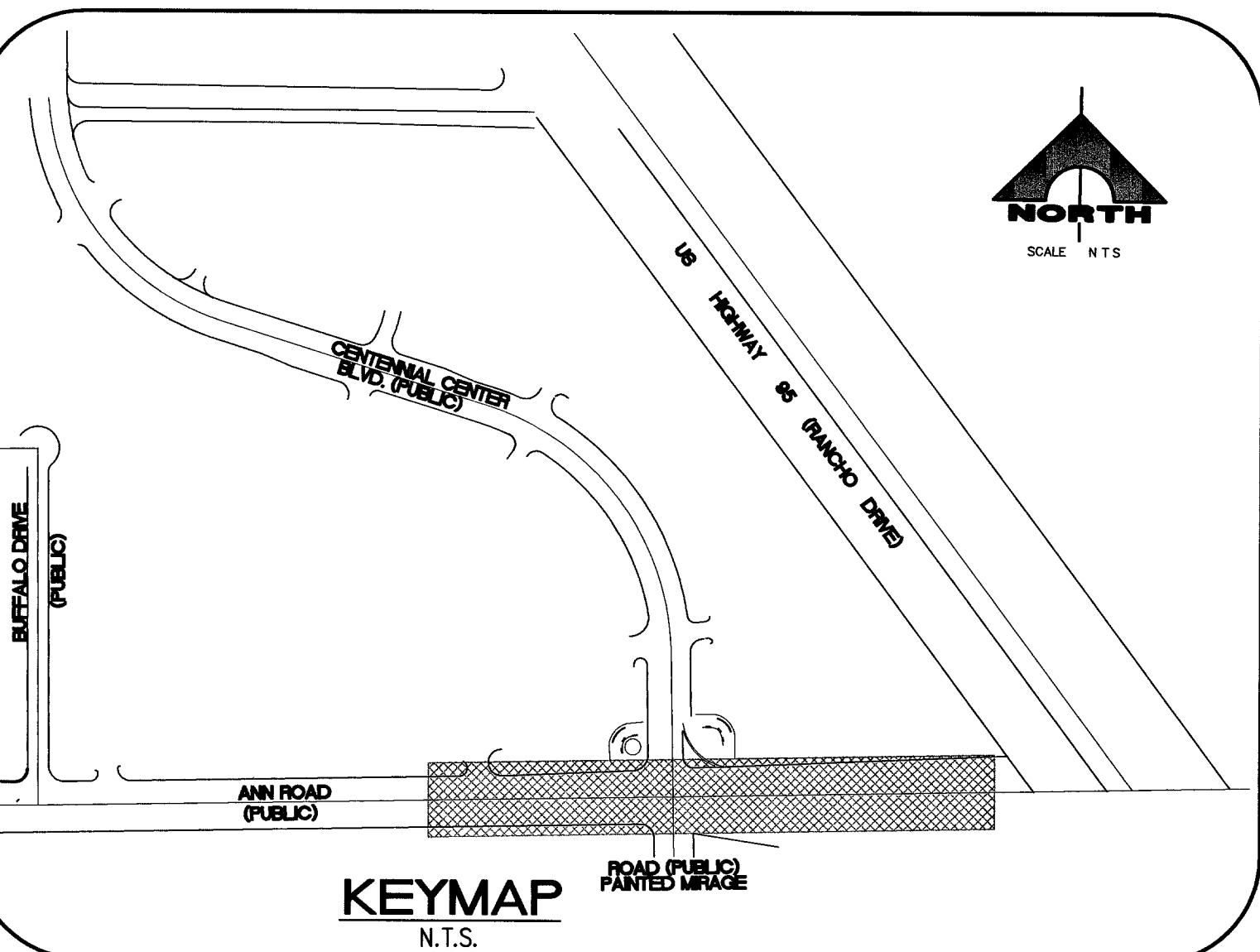
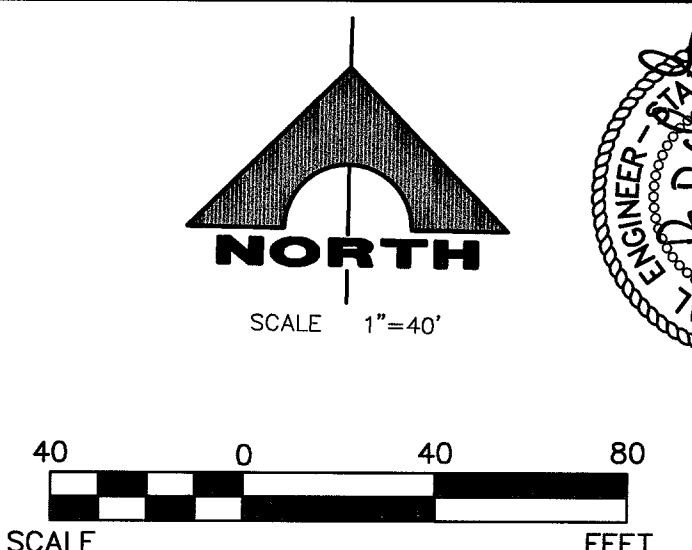


NOTES:
1. BASE AGGREGATE (AS PER NDOT SPECIFICATIONS, SECTION 704) A MINIMUM OF 16\"TO BE LAID IN MAXIMUM 8\" LOOSE LIFTS 95% COMPACTION REQUIRED
2. BACK FILL WITH SELECT MATERIAL TO BOTTOM OF BASE AGGREGATE (AS PER NDOT SPECIFICATIONS, SECTION 207) 90% COMPACTION REQUIRED
3. LIMITS OF PAVING TO BE DETERMINED BY NDOT INSPECTOR

PIPE WIDTH	REQUIRED MINIMUM TRENCH WIDTH
18\"SEWER	36\"
18\"WATER	48\"
24\"X24\" HERTIP	84\"
24\"X36\" HERTIP	108\"
36\"X36\" HERTIP	144\"

NOTICE

G.C. WALLACE, INC. ASSUME NO RESPONSIBILITY FOR EXISTING UTILITY SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM RECORD INFORMATION AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND DEPTH OF ALL RELEVANT UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF A CONFLICT OR DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY.



NOTE

NDOT PERMIT IS REQUIRED FOR ALL WORK LOCATED IN NDOT R/W

DISPOSAL OF ASBESTOS CEMENT PIPE SHALL BE IN ACCORDANCE WITH AWWA, LOCAL, STATE, AND FEDERAL REGULATIONS

NOTE

INSTALL PIPELINE MARKER BALLS IN TRENCH LOCATED ABOVE EACH HORIZONTAL ELBOW FITTING, PER UDACS PLATE NO. 27

NOTICE

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Call before you Dig
UnderGround
1-702-455-7511
1-702-229-6611

Professional Engineer Seal for Bradford A. Rockwell, Civil Engineer, No. 14253, State of Nevada. Date: 5/14/05. For revision only.

Call before you Dig
UnderGround
1-702-227-2929

Call before you Dig
UnderGround
1-800-227-2600

APPROVED FOR CONSTRUCTION (1ST APP'D 12/8/04)
Signature of Engineer
DATE 5/14/05

CONSTRUCTION NOTES

1. INSTALL 12\"C-900 PVC WATER LINE
2. INSTALL 8\"C-900 PVC WATER LINE
3. INSTALL 12\"x8\" TEE WITH 8\" GATE VALVE
4. INSTALL 12\" GATE VALVE
5. LATERAL UTILITY CROSSING
6. INSTALL CAP W/2\" BLOW OFF ASSEMBLY PER UDACS PLATE NO. 44
7. INSTALL 11.25\" BEND
8. INSTALL 45\" BEND.
9. INSTALL CAP FOR FUTURE CONNECTION.
10. INSTALL 48\" SEWER MANHOLE PER UDACS SD-1
11. INSTALL 8\" PVC SANITARY SEWER LINE
12. INSTALL 8\" GATE VALVE
13. INSTALL 8\" TEE
14. INSTALL 90\" BEND.
15. WATER CROSSING (SEE DETAIL 1,2 SHEET C-4)
16. INSTALL CAP W/2\" BLOW OFF ASSEMBLY PER UDACS PLATE NO. 44
17. INSTALL 8\"x8\" TEE
18. EX. STREETLIGHT TO BE REMOVED AND SALVAGED SEE STREETLIGHTING PLANS
19. INSTALL IRRIGATION SLEEVES, (2) - 4\" SCHEDULE 40 PVC CONDUITS
20. INSTALL IRRIGATION SLEEVES, (1) - 6\" SCHEDULE 40 PVC CONDUIT.
21. INSTALL 1\" COPPER WATERLINE
22. INSTALL SERVICE SADDLE, CORPORATIONS STOP & 1\" WATER METER PER UDACS PLATE NO. 1D
23. INSTALL 1\" R.P.P.A. PER UDACS PLATE NO. 11A
24. INSTALL 24\" TAPPING SLEEVE W/ 12\" TAPPING VALVE AS PER UDACS PLATE 22
25. INSTALL 10\" M.J. TAPPING SLEEVE W/ 8\" TAPPING VALVE AS PER UDACS PLATE 22
26. INSTALL 10\"x8\" TEE W/ 8\" GATE VALVE
27. INSTALL 10\" GATE VALVE
28. INSTALL 10\" C-900 PVC WATER LINE
29. CONCRETE ENCASUREMENT PER DETAIL 3/C-4
30. INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PLATE NO. 7 WITH 6\" WATER LINE AND 6\" GATE VALVE. FIRE HYDRANT SHALL BE INSTALLED 3' BEHIND BACK OF CURB WITHIN THE LANDSCAPE AREA
31. ADJUST WATER VALVE BOX TO FINISHED GRADE PER UDACS PLATE NO. 8 VALVE SHALL BE ACCESSIBLE AT ALL TIMES.
32. REMOVE CAP AND BLOW OFF PER UDACS PLATE NO. 44, NOTE NO. 1, AND CONNECT TO EXISTING MAIN.
33. INSTALL 12\" X 8\" REDUCER
34. INSTALL 22.5\" ELBOW
35. INSTALL 12\" TEE

Professional Engineer Seal for G.C. Wallace, Inc., Engineers/Planners/Surveyors, 1555 SOUTH RANCHO BLVD., LAS VEGAS, NEVADA 89146, TELEPHONE (702) 804-2000, FAX (702) 804-2999. Project: CENTENNIAL GATEWAY A LIMITED LIABILITY COMPANY, CENTENNIAL GATEWAY, ANN ROAD UTILITY, PLAN AND PROFILE (STA. 18+00-STA. 27+00). Drawing: C-9. Date: 5/14/05.